FTO/SE/68 (07-03)

Approved for use through 7/31/2003, OMB 0551-303: U.S. Palant and Tradsmark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of	f 1998, na parsona are required to reasc	nd to a collecton of informa	siion unless it displays a yalid Oly⊠ ⇒n	erdi sumber.
REQUEST FOR ACCESS				
Bring completed form to: File Information Unit	RECEIVED OUT & \$ 2004	Application Numb	ivan	7
Crystal Plaza Three, Room 1001 2021 South Clark Place Arlington, VA Telephone: (703) 308-2733	File Information Unit		Paper No. #49	
I hereby request access under 37 application, which is identified in attachment):	CFR 1.14(a)(1)(iv) to the apple, or to which a benefit is claim. It is claim. It is claim.	ied, in the following ,	j document (as shown in दाह	DONED
	1			
United States Patent Number, column, line,or WIPO Pub. No, page, line				
Related Information about Access to Pending Applications (37 CFR 1.14): Direct access to pending applications is not available to the public but copies may be available and may be purchased from the Office of Public Records upon payment of the appropriate fee (37 CFR 1.19(b)), as follows: For published applications that are still pending, a member of the public may obtain a copy of: the file contents; the pending application as originally filed; or any document in the file of the pending application. For unpublished applications that are still pending: (1) If the benefit of the pending application is claimed under 35 U.S.C. 119(e), 120, 121, or 365 in another application that has: (a) issued as a U.S. patent, or (b) published as a statutory invention registration, a U.S. patent application publication, or an international patent application publication in accordance with PCT Article 21(2), a member of the public may obtain a copy of: the file contents; the pending application as originally filed; or any document in the file of the pending application. (2) If the application is incorporated by reference or otherwise identified in a U.S. patent, a statutory invention registration, a U.S. patent application publication, or an international patent application publication in accordance with PCT Article 21(2), a member of the public may obtain a copy of: the pending application as originally filed.				
William Zh	مام	10 - 2 9	- 0 F	
Signature W, II, Am Typed or printed nan	hodos	^	FRECENED	
Registration Number, it		Appro	ved b0CT 2 8 2004 (initials) File Information Unit	-
703 4(3~366 Telephone Num		<u> </u>		

This collection of information is required by 37 CFR 1.14. The information is required to obtain or retain a benefit by the public which is to file (and by the USFTO to process) an application. Confidentially is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gethering, preparing, and submitting the completed application form to the USFTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Sox 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS Apparents. ADDRESS. BRING TO: File Information Unit, Crystal Plaza Three, Room 1001, 2021 South Clark Place, Arlington, VA



(19) United States

(12) Patent Application Publication (10) Pub. No.: US 2001/0002374 A1 Sullivan

May 31, 2001 (43) Pub. Date:

(54) MULTI-LAYER GOLF BALL

(75) Inventor: Michael J. Sullivan, Chicopee, MA

Correspondence Address: Diane Covello, Esq. Spalding Sports Worldwide, Inc. 425 Meadow Street PO Box 901 Chicopee, MA 01021-0901 (US)

(73) Assignee: Spalding Sports Worldwide, Inc.

09/737,001 (21) Appl. No.:

(22) Filed: Dec. 14, 2000

Related U.S. Application Data

Continuation of application No. 09/076,343, filed on May 12, 1998, which is a division of application No. 08/997,857, filed on Dec. 24, 1997, which is a division of application No. 08/926,246, filed on Sep. 5, 1997, which is a division of application No. 08/714, 661, filed on Sep. 16, 1996, which is a division of application No. 08/562,540, filed on Nov. 20, 1995, now abandoned, which is a continuation of application No. 08/070,510, filed on Jun. 1, 1993, now abandoned.

Publication Classification

Int. Cl.⁷ A63B 37/04; A63B 37/06 (52)

(57)**ABSTRACT**

The present invention is directed to an improved multi-layer golf ball comprising a core, an inner cover layer and an outer cover layer. The inner cover layer is comprised of a high acid ionomer or ionomer blend which may or may not include a filler such as zinc-stearate. The outer cover layer is comprised of a soft, very low modulus ionomer or ionomer blend, or a non-ionomeric thermoplastic elastomer such as polyurethane, polyester or polyesteramide. The resulting multi-layered golf ball of the present invention provides for enhanced distance without sacrificing playability or durability when compared to known multi-layer golf balls.

